

Training and Evaluation Outline Report

Status: Approved

20 Mar 2015

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Task Number: 71-9-6140

Task Title: Conduct Defensive Counter Air Operations (Division Echelon and Above [Operational])

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Fort Leavenworth foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	JP 3-01	Countering Air and Missile Threats	Yes	Yes

Conditions: The command is conducting operations as a Joint Task Force (JTF) or as a Combined Joint Task Force (CJTF) headquarters. The command's headquarters receives liaison, unit, and individual augmentees. The command receives an operations order from higher headquarters. The commander issues guidance on defensive counter air operations. The command establishes communications with subordinate and adjacent units and higher headquarters. The mission command system is operational and processing information. This task should not be trained in MOPP 4.

Standards: The staff plans to conduct defensive counterair operations to defeat threat air attacks by inflicting unacceptable losses on attacking threat forces in accordance with the commanders intent, orders from higher headquarters, and standard operating procedures.

Live Fire Required: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare			Execute						Assess	
Operational Environment			Training Environment (LV/C)	% of Leaders Present at Training/Authorized	% of Soldiers Present at	External Eval	% Performance Measures 'GO'	% Critical Performance Measures 'GO'	% Leader Performance Measures 'GO'	Task Assessment
BDE & Above										
Dynamic and Complex (All OE Variables and Hybrid Threat)	Night	IAW unit CATS statement.		>=85%	>=80%	Yes	>=91%	All	>=90%	T
				75-84%			80-90%		80-89%	T-
Dynamic and Complex (All OE Variables and Single Threat)	Day			65-74%	75-79%	No	65-79%	<All	<=79%	P
Dynamic and Complex (<All OE Variables and Single Threat)				60-64%	60-74%		51-64%			P-
				<=59%	<=59%		<=50%			U

Remarks: None

Notes: None

Safety Risk: Low

Task Statements

Cue: None

DANGER

Leaders have an inherent responsibility to conduct Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

WARNING

Risk Management is the Army's primary decision-making process to identify hazards, reduce risk, and prevent both accidental and tactical loss. All soldiers have the responsibility to learn and understand the risks associated with this task.

CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations, and activities is the responsibility of all Soldiers.

Performance Steps and Measures

NOTE: Assess task proficiency using the task evaluation criteria matrix.

NOTE: Asterisks (*) indicate leader steps; plus signs (+) indicate critical steps.

STEP/MEASURE	GO	NO-GO	N/A
1. The staff plans to protect friendly forces, assets, population centers, and interests by:	N/A	N/A	N/A
a. Assessing air, space, and missile threat to the force and the area of operations by:	N/A	N/A	N/A
(1) Defining the operational environment.	N/A	N/A	N/A
(2) Describing the impact of the operational environment.	N/A	N/A	N/A
(3) Evaluating adversary air and missile capabilities.	N/A	N/A	N/A
(4) Determining the adversary's most likely and most dangerous courses of action.	N/A	N/A	N/A
b. Maintaining a desired degree of air superiority and protection.	N/A	N/A	N/A
c. Neutralizing or destroying enemy aircraft and missiles, before and after launch.	N/A	N/A	N/A
d. Employing air-to-air capable aircraft, surface-to-surface missiles, surface-to-air missiles, artillery, special operations forces, and electronic attack capabilities with sensors, communications, and command and control systems.	N/A	N/A	N/A
2. The staff integrates defensive capabilities to counter air, space, and missile threats by:	N/A	N/A	N/A
a. Employing active and passive air and missile defense capabilities and measures.	N/A	N/A	N/A
b. Coordinating efforts between combatant commands.	N/A	N/A	N/A
c. Determining the ballistic missile defense requirements.	N/A	N/A	N/A
d. Consolidating allied capabilities into the air, space, and missile defense system.	N/A	N/A	N/A
3. The staff organizes air, space, and missile defense forces by:	N/A	N/A	N/A
a. Establishing command relationships.	N/A	N/A	N/A
b. Designating responsibilities.	N/A	N/A	N/A
c. Communicating and coordinating instructions to include:	N/A	N/A	N/A
(1) Rules of engagement.	N/A	N/A	N/A
(2) Airspace control measures.	N/A	N/A	N/A
(3) Weapons control measures.	N/A	N/A	N/A
(4) Fire control orders.	N/A	N/A	N/A
d. Directing the area air defense commander to:	N/A	N/A	N/A
(1) Deconflict and control engagements.	N/A	N/A	N/A
(2) Exercise real-time battle management.	N/A	N/A	N/A
+ 4. The commander directs command and support relationships between the joint force air component commander, area air defense commander, and other joint force component commanders by:			
a. Designating an area air defense commander.	N/A	N/A	N/A
b. Designating an airspace control authority.	N/A	N/A	N/A
c. Designating a space coordinating authority.	N/A	N/A	N/A
5. The staff prepares for defensive counterair operations by:	N/A	N/A	N/A
a. Developing and maintaining the integrated air defense system command and control architecture to include voice communications networks and the joint data network.	N/A	N/A	N/A
b. Maintaining a command and control system to employ air, space, and missile defense forces.	N/A	N/A	N/A
c. Establishing a theater air, space, and missile warning architecture to share warnings with joint force components, allies, interagency entities, and host nation agencies.	N/A	N/A	N/A
d. Developing a joint operation order that includes air, space, and missile defense guidance.	N/A	N/A	N/A
e. Defining operational areas within which component forces will operate.	N/A	N/A	N/A
f. Designating tasks, functions, and responsibilities to, and direct coordination among, subordinate air, space, and missile defense commands.	N/A	N/A	N/A
g. Coordinating an area air defense plan.	N/A	N/A	N/A
h. Coordinating the airspace control plan.	N/A	N/A	N/A
i. Employing space capabilities to collect, process, exploit, and disseminate information on:	N/A	N/A	N/A
(1) Indications and warnings.	N/A	N/A	N/A
(2) Targeting analysis.	N/A	N/A	N/A
(3) Adversary capability assessment.	N/A	N/A	N/A
(4) Battle damage assessment.	N/A	N/A	N/A
(5) Characterization of the operational environment.	N/A	N/A	N/A
+ 6. The commander integrates service component command forces and capabilities into defensive counterair operations by:			
a. Designating the Army air and missile defense command as the operational lead for Army air and missile defense operations.	N/A	N/A	N/A
b. Directing Navy forces to provide sensor, engagement, and command and control capability in addition to defending maritime forces from air and missile threats.	N/A	N/A	N/A

c. Tasking the Marine air-ground task force for air defense, long-range interdiction, and long-range reconnaissance.	N/A	N/A	N/A
d. Ordering Air Force forces to make available sensor systems, command and control systems, and weapon systems and to operate a joint air operations center.	N/A	N/A	N/A
e. Directing the space coordinating authority to plan, coordinate, and synchronize space operations.	N/A	N/A	N/A
f. Designating a joint force air component commander responsible for joint air operations to:	N/A	N/A	N/A
(1) Develop, coordinate, and integrate joint counter air planning with operations of other components.	N/A	N/A	N/A
(2) Recommend air apportionment after consulting with other components and supporting commanders.	N/A	N/A	N/A
(3) Provide centralized direction for allocating and tasking joint counterair capabilities and available forces.	N/A	N/A	N/A
(4) Provide information operations strategies to neutralize enemy air and missile threats while preserving friendly offensive and defensive capability.	N/A	N/A	N/A
(5) Perform the duties of the area air defense commander.	N/A	N/A	N/A
(6) Perform the duties of the airspace control authority.	N/A	N/A	N/A
(7) Perform the duties of the space coordinating authority.	N/A	N/A	N/A
7. The staff integrates multinational force air, space, and missile defensive counterair capabilities by:	N/A	N/A	N/A
a. Assessing multinational force capabilities and disparities.	N/A	N/A	N/A
b. Recognizing differences in information and equipment security.	N/A	N/A	N/A
c. Evaluating unit procedural and organizational differences.	N/A	N/A	N/A
d. Establishing interoperability of command and control systems.	N/A	N/A	N/A
+ 8. The commander directs subordinate commanders to support defensive counterair operations by:			
a. Coordinating and prioritizing defensive counterair operations through the area air defense commander.	N/A	N/A	N/A
b. Employing weapons in accordance with the rules of engagement and the area air defense plan.	N/A	N/A	N/A
c. Identifying defensive counterair capability shortfalls to area air defense commander.	N/A	N/A	N/A
d. Requesting offensive counter air assets and other support to mitigate gaps in defensive counterair operations.	N/A	N/A	N/A
e. Coordinating and deconflicting employment of forces.	N/A	N/A	N/A
f. Providing airspace control in designated areas in accordance with the airspace control plan.	N/A	N/A	N/A
g. Forwarding requests for airspace control measures in accordance with the airspace control plan.	N/A	N/A	N/A
h. Developing airspace control instructions, plans, and procedures in accordance with the area air defense plan.	N/A	N/A	N/A
9. The staff plans defensive counterair operations to direct friendly force capabilities against adversary vulnerabilities by:	N/A	N/A	N/A
a. Translating specified and implied tasks into missions for component and subordinate commands with defensive counterair assets.	N/A	N/A	N/A
b. Recommending defensive counterair priorities to inform the area air defense plan.	N/A	N/A	N/A
c. Developing an area air defense plan to attain the degree of air superiority and protection required.	N/A	N/A	N/A
d. Determining the type and number of forces required to sustain the defensive counter air effort.	N/A	N/A	N/A
e. Analyzing the logistic capability required to support defensive counterair operations.	N/A	N/A	N/A
f. Synchronizing and deconflicting employment of capabilities and forces against critical enemy vulnerabilities.	N/A	N/A	N/A
g. Coordinating the employment of defensive counter air assets for offensive counter air and other operations.	N/A	N/A	N/A
h. Sizing responses to enemy attacks and penetrations based on probability of destruction or disruption, distances, weather, and weapon system reliability.	N/A	N/A	N/A
i. Assessing offensive and defensive counter air operations to evaluate results and to inform operational decisions.	N/A	N/A	N/A
j. Establishing weapon engagement zones to integrate airspace control with air operations.	N/A	N/A	N/A
k. Delegating authorities and establishing conditions for automatic permissions, transfers of function, or other means to establish and sustain a defense.	N/A	N/A	N/A
l. Establishing combat air patrol stations.	N/A	N/A	N/A
m. Positioning airborne command and control stations.	N/A	N/A	N/A

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL PERFORMANCE MEASURES EVALUATED							
TOTAL PERFORMANCE MEASURES GO							
TRAINING STATUS GO/NO-GO							

ITERATION: 1 2 3 4 5 M

COMMANDER/LEADER ASSESSMENT:**T P U****Mission(s) supported:** None**MOPP 4:** Never**MOPP 4 Statement:** None**NVG:** Never**NVG Statement:** None**Prerequisite Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
	71-9-5200	Assess the Operational Situation	71 - Combined Arms (Collective)	Approved
	71-9-5300	Prepare Plans (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5400	Control Subordinate Operational Forces (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-6500	Provide Security for Operational Forces (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-TA-5310	Conduct Operational Mission Analysis for Theater Army	71 - Combined Arms (Collective)	Approved

OPFOR Task(s): None**Supporting Individual Task(s):**

Step Number	Task Number	Title	Proponent	Status
	150-LDR-5003	Use the Mission Order Technique	150 - Combined Arms (Individual)	Approved
	150-MC-2300	Perform Information Collection	150 - Combined Arms (Individual)	Approved
	150-MC-5111	Conduct the Military Decisionmaking Process	150 - Combined Arms (Individual)	Approved
	150-MC-5144	Develop a Running Estimate	150 - Combined Arms (Individual)	Approved
	150-MC-5145	Conduct Risk Management	150 - Combined Arms (Individual)	Approved
	150-MC-5200	Conduct Command Post Operations	150 - Combined Arms (Individual)	Approved

Supporting Drill(s): None**Supported AUTL/UJTL Task(s):**

Task ID	Title
OP 6.1.4	Conduct Defensive Counterair (DCA)

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
No equipment specified		

Materiel Items (NSN)

NSN	LIN	Title	Qty
No materiel items specified			

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. .

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.